

ABSTRACT

A method for operating a fuel cell power plant to provide end-use electricity, end-use heat and end-use reformat includes the steps of providing a fuel cell power plant that consumes reformat to provide electricity and heat, said fuel cell power plant having a nominal reformat flow rate and including a fuel processor system for generating reformat from a hydrocarbon fuel; operating the fuel processor system so as to provide a reformat flow at a rate greater than the nominal reformat flow rate; operating the fuel cell power plant using a first portion of the reformat flow to generate the electricity and the heat, the first portion being less than or equal to the nominal reformat flow rate; and providing a second portion of the reformat flow as the end-use reformat.